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September 15, 2014

Sean Sheldrake  
Project Coordinator  
U.S. EPA, Region 10  
1200 Sixth Avenue, M/S ECL-111  
Seattle, Washington 98101

Re: August 2014 Monthly Progress Report  
Administrative Settlement Agreement and Order on Consent for Removal Action  
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255  
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.32

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in August 2014 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

## **1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED**

The following actions and correspondences occurred in this month:

- **August 12** – Anchor QEA submitted a Dive Plan for implementation of the Gasco Sediments Site *Differential Temperature Sensing Work Plan*.
- **August 13** – NW Natural received EPA's comments on the Dive Plan.
- **August 15** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.

- **August 20** – Anchor QEA submitted a revised Dive Plan to EPA that responds to EPA's comments received on August 13, 2014.
- **August 27** – Anchor QEA performed the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap.

## **2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED**

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

## **3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH**

Anchor QEA anticipates the following activities to occur in the next month:

- Submit the September monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.
- Install the fiber optic cable identified in the Gasco Sediments Site *Differential Temperature Sensing Work Plan* and perform initial calibration and data collection.

## **4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS**

No problems or unforeseen conditions were encountered.

NW Natural remains ready at EPA's convenience to meet with EPA to discuss the path forward for the Gasco Sediments Site. Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.  
Assistant Project Manager



Carl Stivers, Partner  
Project Manager

**Attachments:**

Attachment A      Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Alan Gladstone and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ



## Visual Observations Log Form

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**Date** August 27, 2014 **Project Number:** 000029-02 BG-32 Task 4a

**Location:** NW Natural "Gasco" Site

**Project Name:** NW Natural – Gasco

**Monitoring Period:** Monthly (Year 8)—August 2014

**Time Observations Started:** August 27, 2014 @ 11:00 **Time Observation Concluded:** August 27, 2014 @ 12:00

**Weather Conditions:** Sunny, 79° Fahrenheit, calm winds.

**Wave Action Observations:** Little wave action (0.0 – 0.3 feet in height)

**Photographs Taken:** ☒ Yes ☐ No

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**Tidal Conditions:** Willamette River level on 8/27/14 ranged in elevation from 2.18 to 5.61 feet. The Willamette River level during the observation was approximately 3.72 feet measured at 11:30 (River Level Elevation Datum: Morrison Gage Height).

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**Observations of Erosion/Deposition:** No erosion/deposition is evident along the shoreline. Three organoclay mat material segments are visible along the shoreline. One segment measuring 5-foot in length is submerged within 1.5 to 2.0 feet of the water's edge near the lateral mid-point of the cap area; one 20-foot section measuring 5 to 10 feet in width is above the water line at the upriver extent of the cap area; and one section of organoclay mat material measuring approximately 40 feet long by 5 feet wide is visible near the downriver extent of the cap area (Photo 1).

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**Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.)** During the observation, the Fuel and Marine Marketing (FAMM) containment boom was in use during refueling operations at the facility dock. Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview of the site shoreline is shown in Photo 2.

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**Other Comments:**

No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

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**Recorded by:**

**Douglas Laffoon**

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Photo 1 — *Visible section of organo-clay mat at the downriver extent of cap area (8/27/14):*





Photo 2 — *FAMM oil boom around barge and mariner warning buoys in place across pilot cap area.*  
(8/27/14):



Photo 3 — *Conditions immediately downriver of cap area* (8/27/14):

